

Charge \$ ~~36~~ 36 -1202
280-1203

PATENT APPLICATION SERIAL NO. _____

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

07/17/2003 JAD001 00000018 024800 10618779

01 FC:1001 750.00 DA
02 FC:1201 24.00 DA

01/14/2004 HLE333 00000103 024800 10618779

01 FC:1202 36.00 DA
02 FC:1203 280.00 DA

PTO-1556
(5/87)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
REQUEST FOR FILING CONTINUATION/DIVISIONAL
APPLICATION UNDER 37 C.F.R. § 1.53(b)

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



21839

21908 U.S. PRO
10/618779
07/15/03

Sir:

This is a request for filing a ☐ continuation ☒ divisional application under 37 C.F.R. § 1.53(b) of pending Application No. 08/301,435 filed on September 1, 1994, for POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV) AND PROTEINS ENCODED BY THE POLYNUCLEIC ACIDS, by the following named inventors:

- (a) Full Name Prem S. PAUL
- (b) Full Name Xiang-Jin MENG
- (c) Full Name Patrick HALBUR
- (d) Full Name Igor MOROZOV
- (e) Full Name Melissa A. LUM

☐ Applicant(s) hereby requests that the above-captioned application **NOT BE PUBLISHED** under 35 U.S.C. § 122(b) and 37 C.F.R. § 1.211. The undersigned hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

☒ The entire disclosure of the prior application from which a copy of the oath or declaration is supplied herewith is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ This application is being filed by less than all the inventors named in the prior application. In accordance with 37 C.F.R. 1.63(d)(2), the Commissioner is requested to delete the name(s) of the following person or persons who are not inventors of the invention being claimed in this application.

- (a) Full Name _____
- (b) Full Name _____
- (c) Full Name _____

☐ This application is being filed by more than all the inventors named in the prior application. In accordance with 37 C.F.R. 1.63(d)(5), a new oath or declaration is enclosed, and the Commissioner is requested to add the name(s) of the following person or persons who are inventors of the invention being claimed in this application.

- (a) Full Name _____
- (b) Full Name _____
- (c) Full Name _____

☐ Applicants suggest Figure _ for inclusion on the front page of the patent application publication and/or patent.

☒ Applicants request that the published application include the following assignment information: Iowa State University Research Foundation, Inc. and American Cyanamid Company.

1. ☒ Enclosed is a copy of the prior Application No. 08/301,435 as originally filed on September 1, 1994, including copies of the specification, claims, drawings and the executed oath or declaration as filed.
2. ☐ Enclosed is a revised prior application and a copy of the prior executed oath or declaration as filed. No new matter has been added to the revised application.
3. ☐ Small entity status is hereby claimed.
4. ☒ The filing fee is calculated below ☒ and in accordance with the enclosed preliminary amendment:

C L A I M S					
	NO. OF CLAIMS		EXTRA CLAIMS	RATE	FEE
Basic Application Fee					\$750.00 (1001)
Total Claims	20	MINUS 20 =	0	× \$18.00 (1202) =	-0-
Independent Claims	4	MINUS 3 =	1	× \$84.00 (1201) =	\$84.00
If multiple dependent claims are presented, add \$280.00 (1203)					\$280.00
Total Application Fee					\$1,114.00
If small entity status is claimed, subtract 50% of Total Application Fee					
Add Assignment Recording Fee of \$_ if Assignment document is enclosed					
TOTAL APPLICATION FEE DUE					\$1,114.00

5. ☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.
6. ☒ Charge \$1,114.00 to Deposit Account No. 02-4800 for the fee due.
7. ☐ A check in the amount of \$_____ is enclosed for the fee due.
8. ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

9. ☐ Cancel in this application original claims _ of the prior application before calculating the filing fee.
10. ☐ New drawings are enclosed.
11. ☐ Priority of Application No. _ filed on _ in _ (country) is claimed under 35 U.S.C. § 119.
- ☐ The certified copy of the priority application
- ☐ is enclosed.
- ☐ was filed on _ in prior Application No. _, filed on _, and acknowledged by the Examiner on _ in Paper No. _.
- ☐ has not yet been filed.
12. ☒ Please amend the specification by inserting before the first line the sentence:
- ☒ --This application is a ☐ continuation ☒ divisional of Application No. 08/301,435, filed on September 1, 1994, which is a continuation-in-part of 08/131,625, filed on October 5, 1993 (now U.S. Patent 5,695,766), which is a continuation-in-part of 07/969,071, filed on October 30, 1992 (abandoned).---
- ☐ --This application is a ☐ continuation ☐ divisional of U.S. Application No. _, filed on _, which was a national stage filing under 35 U.S.C. § 371 of International Application No. _ filed on _.
- ☐ --This application is a ☐ continuation ☐ divisional of U.S. Application No. _, filed on _, which was a continuation of International Application No. _, filed on _.
13. ☒ A preliminary amendment is enclosed.
14. ☐ An Information Disclosure Statement is enclosed.
15. ☒ A General Authorization for Payment of Fees and Petitions for Extensions of Time is enclosed.
16. ☐ Also enclosed .
17. ☒ The power of attorney in the prior application is to Sharon E. Crane, Reg. No. 36,113
- a. ☐ The power appears in the original papers in the prior application.
- b. ☒ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
- c. ☐ Recognize as Associate Attorney _.

- d. ☒ Address all future communications to: (May only be completed by applicant, or attorney or agent of record.)

Sharon E. Crane, Ph.D.
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

Date: July 15, 2003

By: Sharon E. Crane
Sharon E. Crane, Ph.D.
Registration No. 36,113

ADDRESS OF SIGNATOR:

BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404
(703) 836-6620

☐ inventor(s)
☐ assignee of complete interest
☒ attorney or agent of record
☐ filed under 37 C.F.R. § 1.34(a)